

## CLAIMS

1. A device for the dissipation of electricity from an object, the device comprising at least one highly conductive contacting means intended to be applied in contact with the object and to be connected to a dissipation point capable of dissipating electric current, and a low conductive material for slow dissipation of current from the object, **characterised in** that during use, for safe dissipation of static electricity from the object, the contacting means is connected to the dissipation point via the low conductive material, such that when said contacting means is applied into contact with the object the current is first dissipated from the object over to the highly conductive contacting means, then through the low conductive material, and finally to the dissipation point, wherein the formation of sparks is avoided.
- 20 2. A device according to claim 1, wherein the device is formed as a clamp having two opposite conductive contacting means which are biased against each other by means of a spring, two mutually hinged arms connected to respective contacting means, and a dissipation cable intended to be connected to said dissipation point, **characterised in** that the low conductive material is included in at least one of the arms, such that at least one of the contacting means is connected to the dissipation cable via the low conductive material.

3. A device according to claim 2, **characterised in** that at least one of the arms is made of the low conductive material.
- 5 4. A device according to claim 2, **characterised in** that at least one of the arms is provided with an interior part of the low conductive material and an exterior part of an insulating material surrounding the interior part.
- 10 5. A device according to claim 2, **characterised in** that at least one of the arms is provided with an interior part of an insulating material and an exterior cover of the low conductive material.
- 15 6. A device according to any of claims 1-5, **characterised in** that at least one of the contacting means comprises at least one metal point of a relatively low mass.
- 20 7. A device according to any of claims 1-6, **characterised in** that the low conductive material comprises an insulating matrix and a conductive additive mixed therein.
- 25 8. A device according to claim 7, **characterised in** that the matrix is composed of a plastic and the conductive additive is composed of a metallic powder or soot or fibres.
9. A device according to claim 8, **characterised in** that the matrix is composed of polyamide.

10. A device according to any of claims 1-6, **characterised in** that the low conductive material comprises a ceramic material or ebonite.